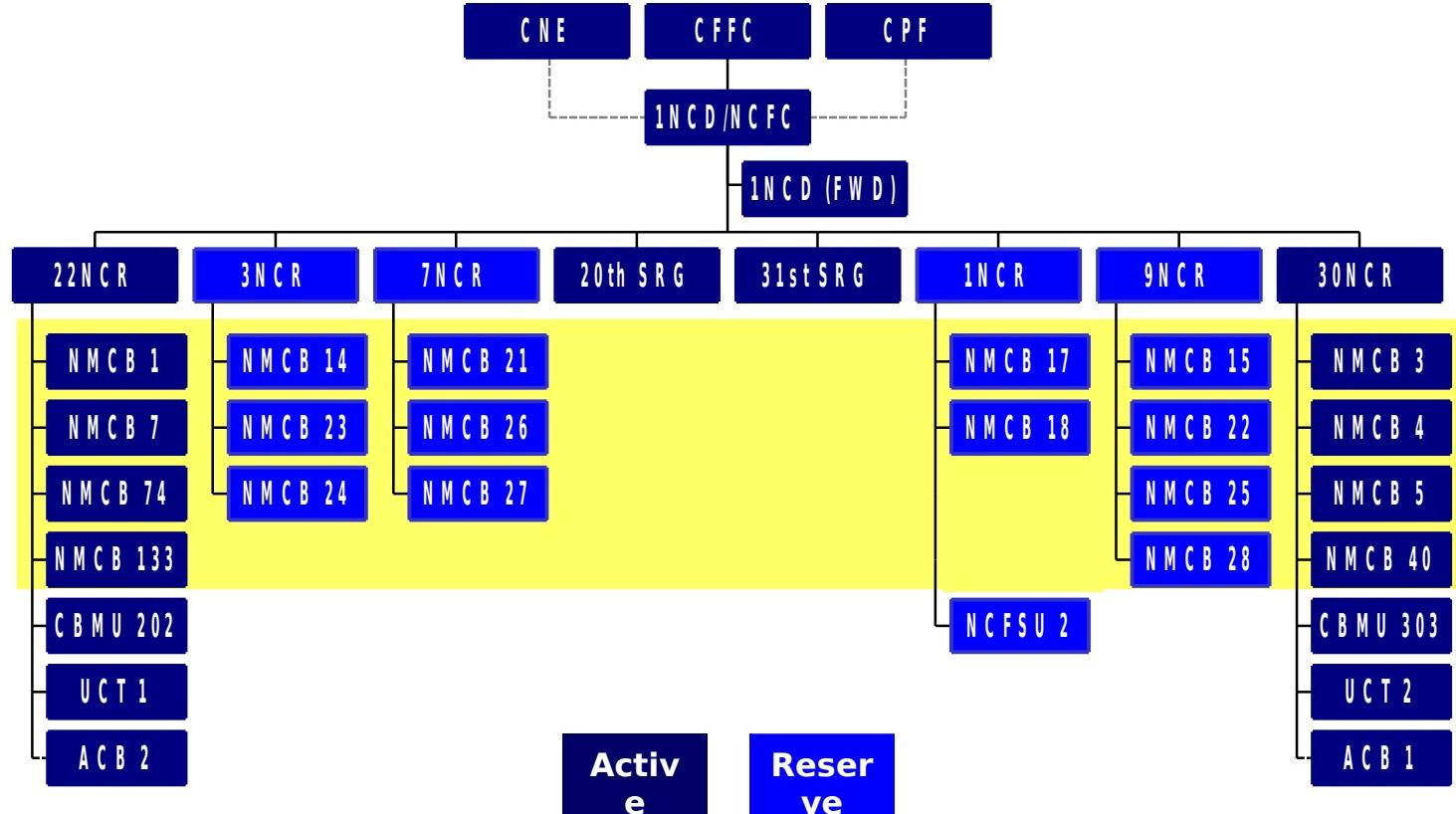




# 2005 Marine Corps Engineer Master Plan Conference

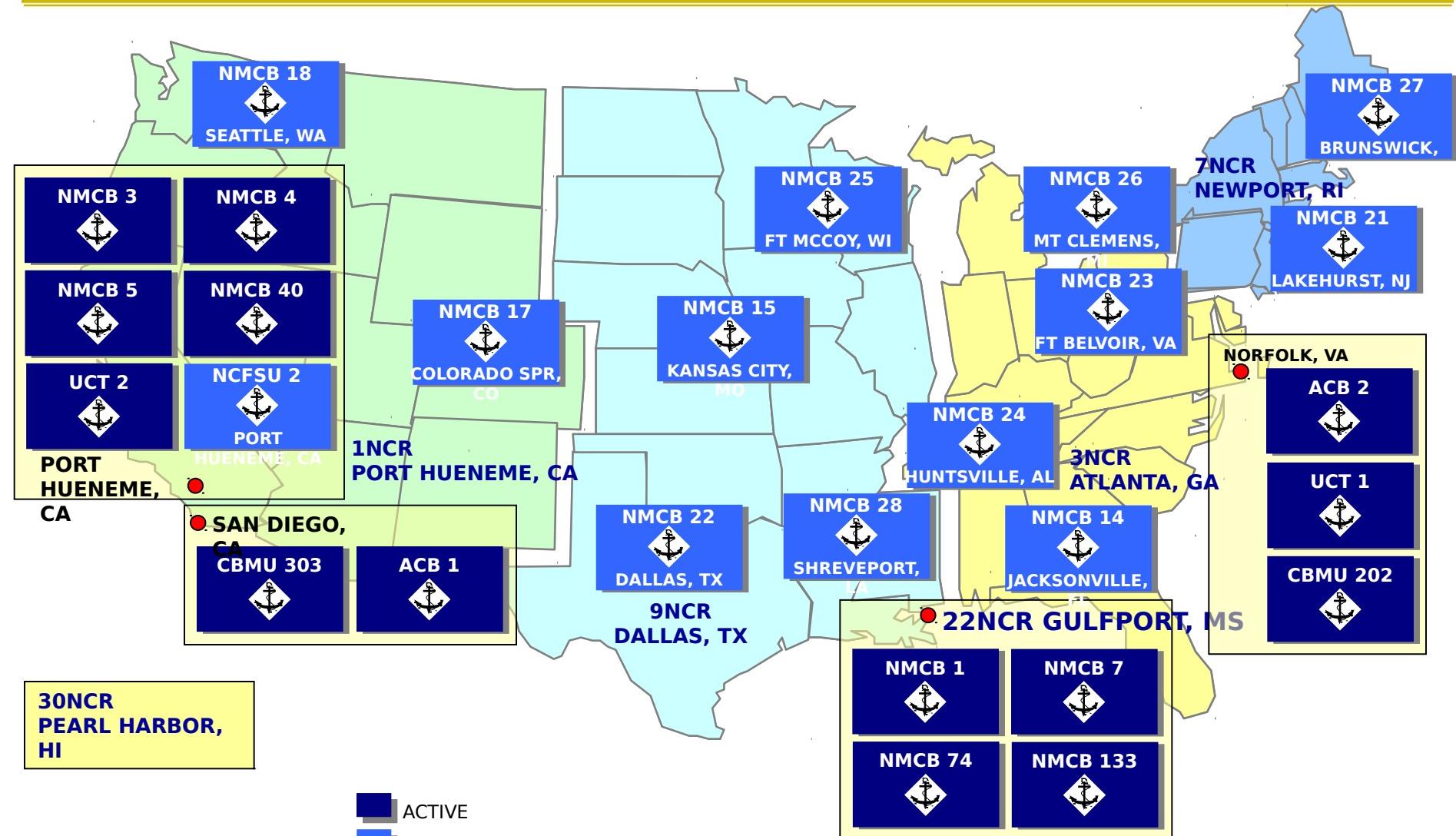


# Current NCF Force Structure





# 1NCD Unit Locations



Tuesday, S

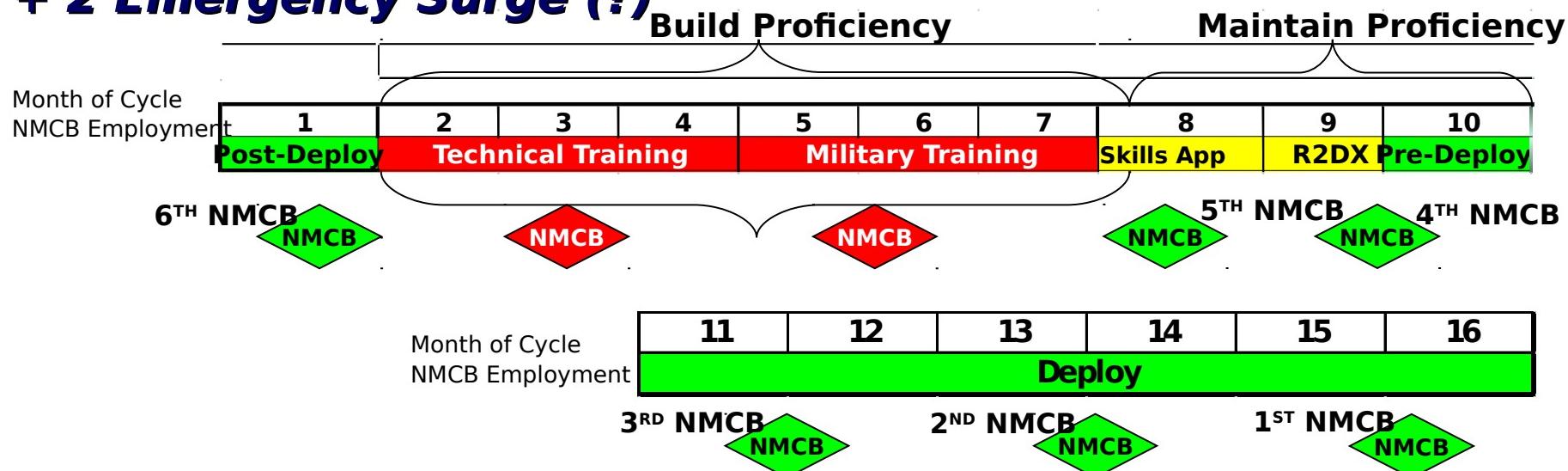
\* Each reserve NMCB has an average of 12 dets throughout 4 states

3

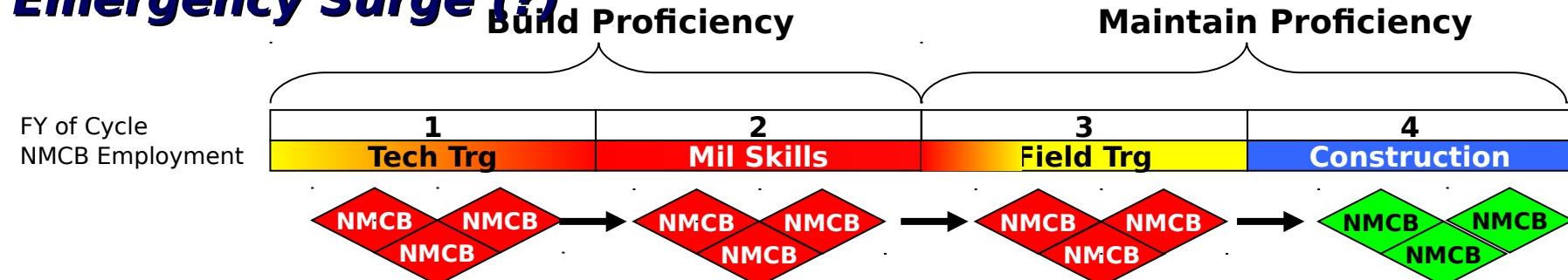


# Seabee "Surge Response"

**8 Active Battalions: 3 Forward Deployed + 3 Surge Ready  
+ 2 Emergency Surge (?)**



**12 Reserve Battalions: 3 Surge Ready (30 Days) + \_  
Emergency Surge (?)**



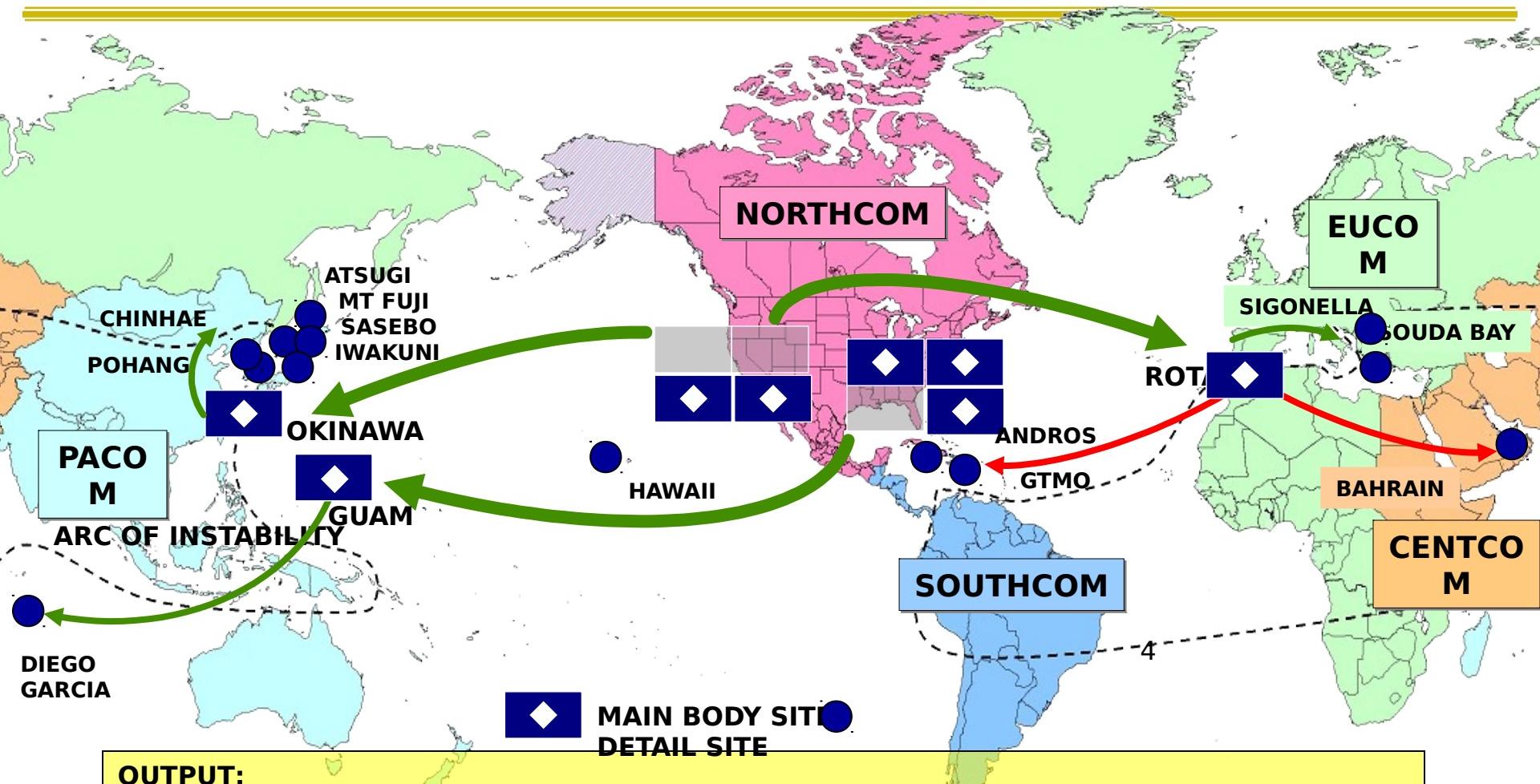
# NMCB Standing Deployment Order



- Standing DEPORD provides the legal basis and foundation document to routinely deploy NMCBs world-wide
- Released by CJCS annually
- Provides:
  - PACOM (Guam/Okinawa)
    - 2 x NMCB
  - EUCOM (Rota Spain)
    - 1 x NMCB (less 2 x NMCB Task-Organized Detachments)
  - CENTCOM (Bahrain)
    - 1 x NMCB Task-Organized Detachment (from EUCOM)
  - SOUTHCOM (Guantanamo Bay/Andros)
    - 1 x NMCB Task-Organized Detachment (from EUCOM)
    - 1 x NMCB Task-Organized Detachment on 96 Hr PTDO (from JFCOM or PACOM)
  - NORTHCOM
    - 1 x NMCB Task-Organized Detachment on 96 Hr PTDO (from JFCOM or PACOM)



# Standing DEPORD



## OUTPUT:

- Construction Readiness Training (CRT) (Mainbody & Details)
- COCOM Theater Security Cooperation Program (TSCP)
- Consequence Management/Civil Support (CM/CS)

• 8 actives / 6 x 10 rotation = 3 point stance . . . covers 1 - 4 of DPG . . . and postures forces for early arrival ISO OPLANS

# Construction Readiness Training (CRT)



Helo Pad for Abu Obeidah, Jc



Ground Support Equip Garage,



Munitions Magazine, Camp F



Air OPS, Kadena



Barracks, Andros

Tuesday, S



# Disaster Relief



Koggala, Sir Lanka



Koggala, Sir Lanka



Koggala, Sir Lanka



Hurricane Ivan, Pensacola



Hurricane Ivan, Pensacola

Tuesday, S



# Exercise Related Construction



Medical Clinic, Ghana



Water Well, Guatemala



School Construction, Guyana



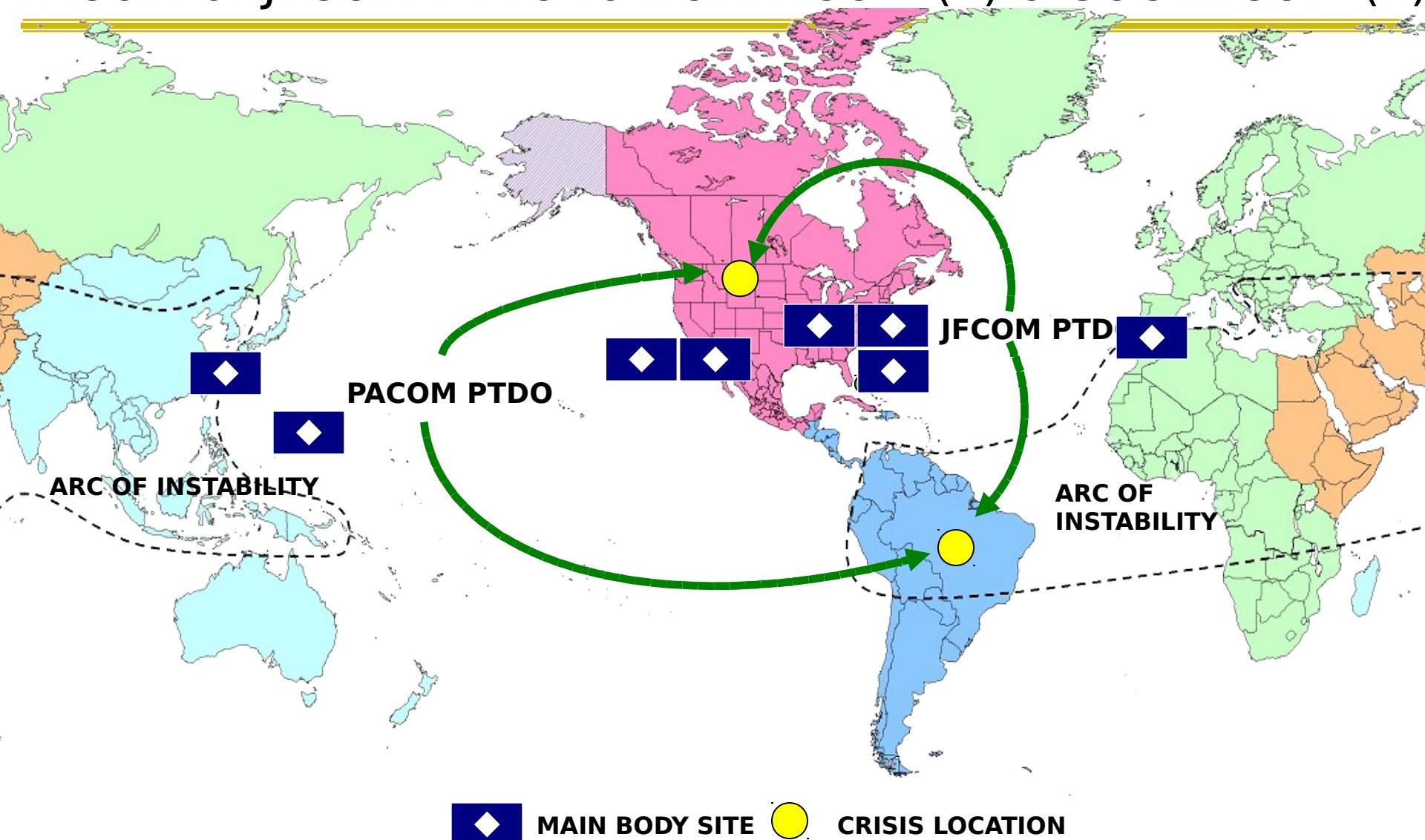
Road Improvements, Croatia



Road Improvements, Albania

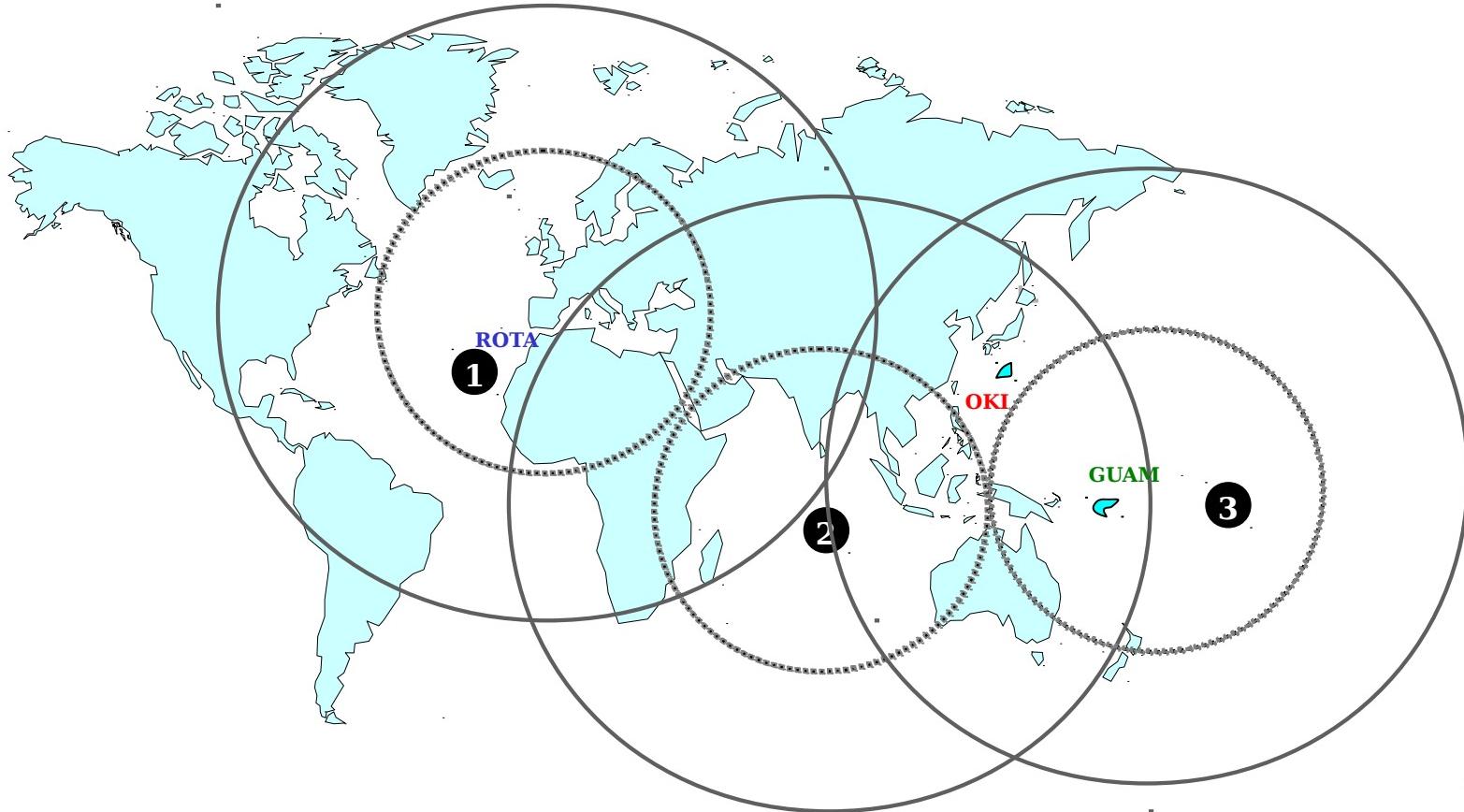
# Standing DEPORD

PACOM or JFCOM PTDO to NORTHCOM (1) & SOUTHCOM (1)





# MPF TOAs



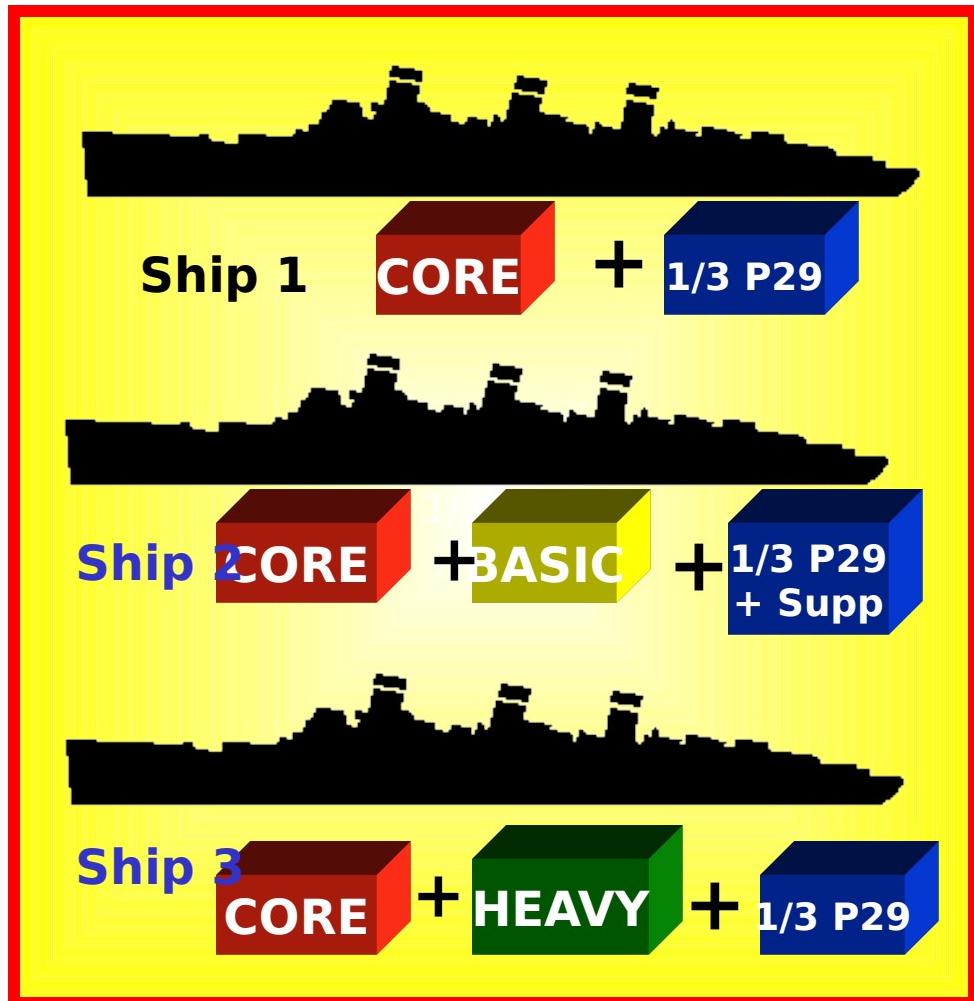
- |   |               |                          |
|---|---------------|--------------------------|
| <b>①</b> MPSRON-1 (5 Ships)<br><b>②</b> Lejeune   | Mediterranean | <b>II MEF (Camp)</b>     |
| <b>③</b> MPSRON-2 (5 Ships)<br><b>④</b> Pendleton | Diego Garcia  | <b>I MEF (Camp)</b>      |
| <b>⑤</b> MPSRON-3 (6 Ships)                       | Guam - Tinian | <b>III MEF (Okinawa)</b> |

**7 Days Steaming**

**14 Days Steaming**



# TOA Distribution

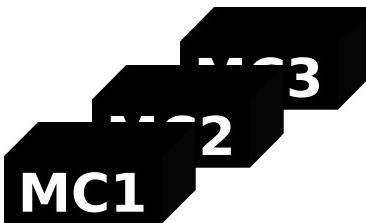
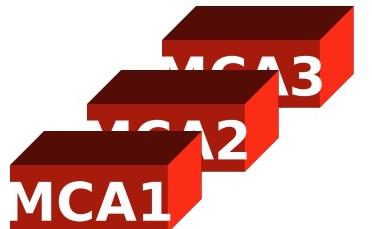


*Typical NCF  
Spread load on  
MPF Squadrons*

+ **FIE** =  
  
**1 NMCE**  
**& 1 NC**



# The P-25M Modules



The Module Core Air Detachment ([MCA](#)) provides 125 personnel (a Heavy Air Det) with a self-sustaining camp.

The Module Core ([MC](#)), when combined with an MCA becomes a Core, providing a self sustaining camp for 250 personnel.

The Module Basic ([MB](#)) enhances the capability of a Core, providing B/C Co. shop equipment, tools, CESE, an ABM, & Hq Co support.

The Module Heavy ([MH](#)) further enhances a Core's capability, providing A Co. shop equipment, tools, CESE, and water well drilling capability.

The Fly In Echelon ([FIE](#)) contains the weapons, CBR, 782, and Comm gear for [SLRP](#), [OPP](#), [AP](#) and [MB](#) air movements.

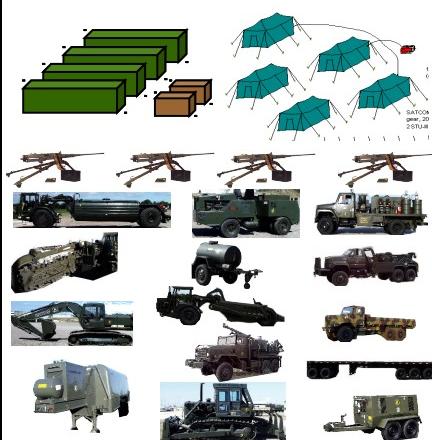
# NMCB TOA



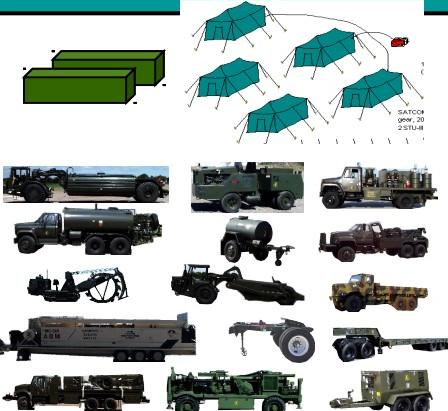
## **3 X MCA - Modular Core Air Detachment**



## **MB - Modular Basic**



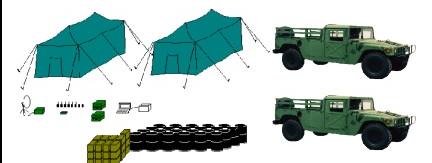
# MH - Modular Heavy



## **3 X MC - Modular Core**



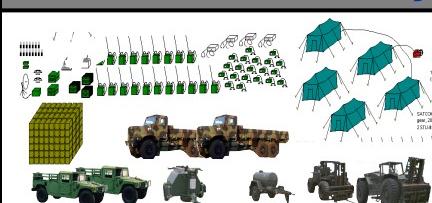
**SLRP**



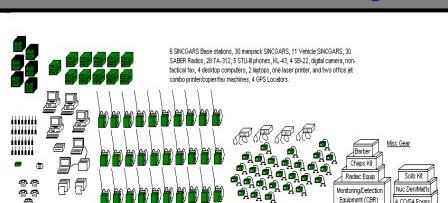
OPP



**AP - Advance Party**



## **MP - Main Party**



Tuesday, S

14

# Conceptual Contingency Tent Camp





# NCF ISO MEF in OIF II



Crater Repair, Al Asad



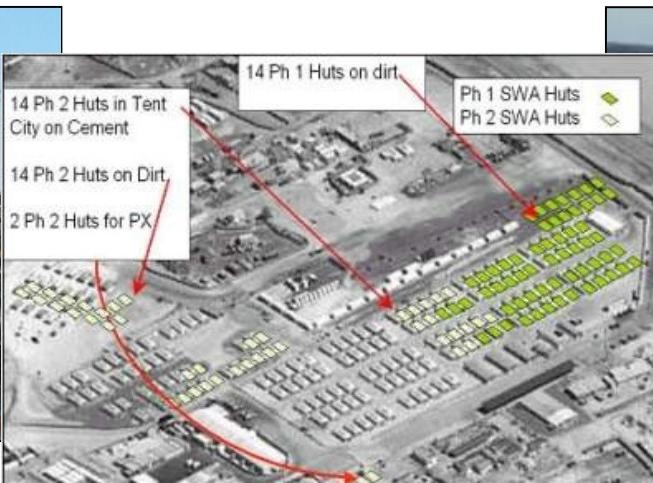
Hardened Galley Facility, Najaf



Detention Facility, Al Asad



Debris Removal, Fallujah



Berthing (SWAHut), Ramadi



Bridge Repairs, Qanishyah

Tuesday, S

# Seabee Engineer Reconnaissance Team



- OIF experience has proven value of SERT concept through successful engineering/construction assessments:
  - Hasty repairs, and assessment for permanent repairs at Quanishyah Bridge.
  - Railroad breach points
  - MSR Michigan Euphrates River Bridge MLC Calculation/MSR Mobile



MSR Michigan Bridge

Assessment

Tuesday, S

Railroad Assessment

Movement in tactical environment

# Iraqi Construction Apprenticeship Program



## ICAP

- Seabees training Iraqis in basic construction skills.
- Projects range from electrical, basic framing, concrete block work and plumbing
- Graduates are employed by local contractors working ISO Civil Military Operations (CMO)





# NCF ISO OIF 04-06

- CJCS OIF 04-06 Rotation of Forces DEPORD for combatant forces (271630Z FEB 04)
- CJCS DEPORD MOD 25 (032041Z DEC 04) incorporated CSS tasks including NCF
  - USCENTCOM RFF 251 to CJCS ISO CLSOTF (191027Z DEC 03) (continued rotation)

REQUIREMENT	SOURCE	OIF 04-06-1	OIF 04-06-2	ISO
<b>1 X NCR (-)</b> (continued rotation) - USCENTCOM RFF 397 to CJCS ISO II MEF (FWD) (222243Z NOV 04)	JFCOM / PACOM	30 NCR / 1	1 NCR / 30 NCR	MARCENT RFF 397
<b>1 X NMCB (-)</b>	EUCOM	NMCB 1	NMCB 3	
<b>1 X NMCB (-)</b>	JFCOM	NMCB 24	NMCB 22	
<b>1 X OICC</b>	NAVFAC	OICC	OICC	
<b>1 X NMCB Det</b>	PACOM	NMCB 5	NMCB 133	SOF RFFs 251 & 257
<b>1 X NMCB Air Det (Hvy)(+)</b>	JFCOM / PACOM	NMCB 5 / NMCB 27	NMCB 133 / NMCB 21	
<b>1 X NMCB Det</b>	EUCOM	NMCB 1	NMCB 3	CJTF-HOA



# II MEF Support

## 30NCR Mission

O/a 28 March 05, 30 NCR executes a RIP with I MEG in MNF-W AO, provides general engineering and contract support to II MEF (FWD) IOT allow MEF forces to continue counter-insurgency operations and support Iraqi reconstruction.

## Commander's Intent

Purpose: To provide II MEF (FWD) a responsive, flexible general engineering/construction force IOT support counter-insurgency operations and Iraqi reconstruction.

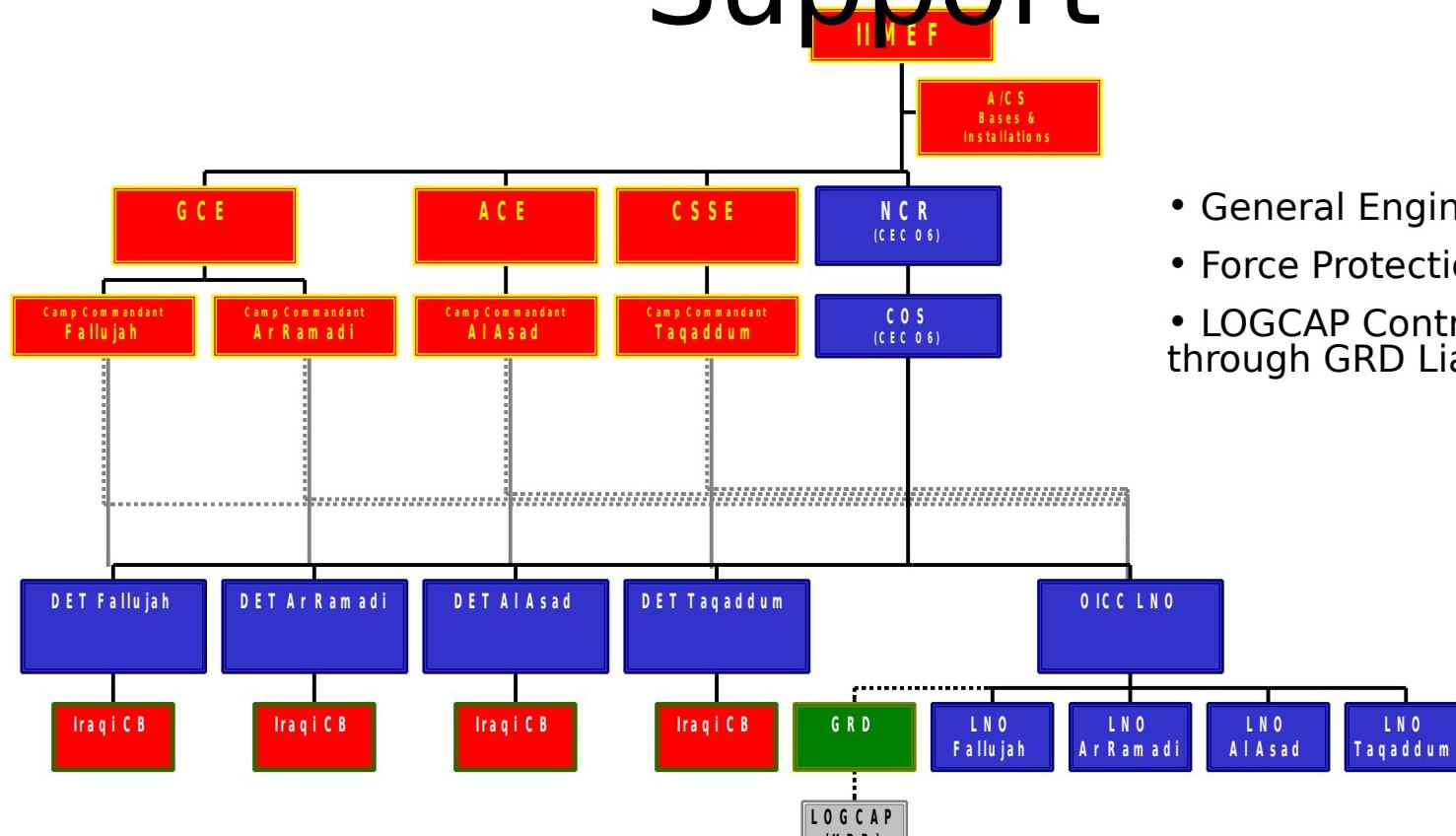
Method: We will conduct operations from five FOB's providing camp maintenance, construction contract support, and general construction.

Endstate: MEF requirements met. Iraqi infrastructure and economy improved through construction contracting.

Employment opportunities provided to Iraqi populace.



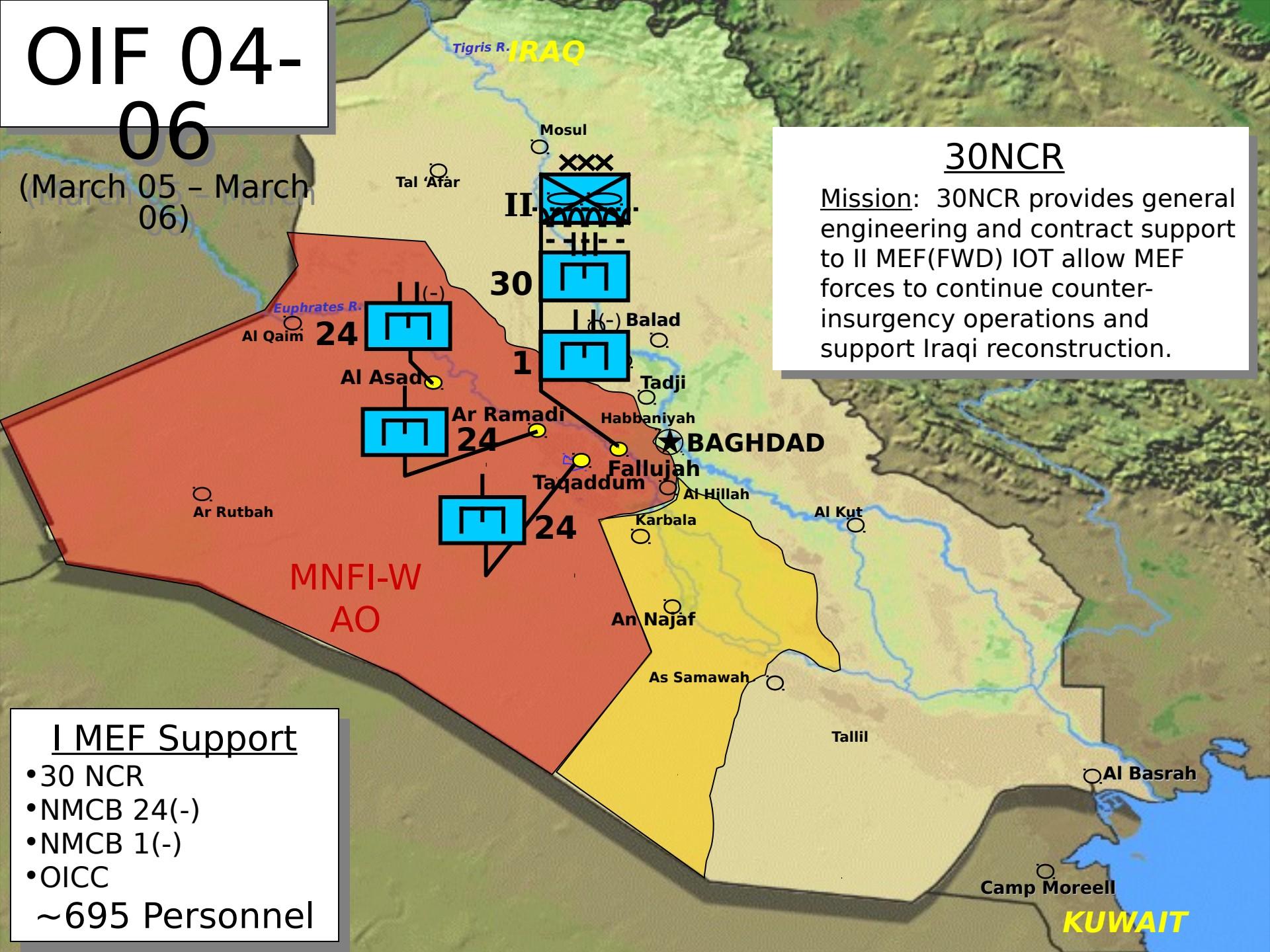
# 30NCR Concept of Support



- General Engineering Support
- Force Protection Improvements
- LOGCAP Contract Support through GRD Liaison (OICC LNO)

# OIF 04-06

(March 05 – March 06)



## 30NCR

Mission: 30NCR provides general engineering and contract support to II MEF(FWD) IOT allow MEF forces to continue counter-insurgency operations and support Iraqi reconstruction.

## I MEF Support

- 30 NCR
- NMCB 24(-)
- NMCB 1(-)
- OICC

~695 Personnel

**KUWAIT**



# Specified Tasks

<ul style="list-style-type: none"><li>• 3.B.5.A.<ul style="list-style-type: none"><li>- Conduct repair of key infrastructure, to include bridges and highways</li></ul></li></ul>	<ul style="list-style-type: none"><li>• General Engineering<ul style="list-style-type: none"><li>- Significant GE work to be completed during OIF II and OIF II-2</li></ul></li><li>- <del>Continued Repairs and Renovation</del></li></ul>
<ul style="list-style-type: none"><li>• 3.B.5.B.<ul style="list-style-type: none"><li>- Support CMO reconstruction efforts throughout MNF-W AO as required</li></ul></li></ul>	<ul style="list-style-type: none"><li>• CMO<ul style="list-style-type: none"><li>- Minor CMO workload (CERP Funded)</li><li>- Contract Management through USACE (GRD)</li></ul></li></ul>
<ul style="list-style-type: none"><li>• 3.B.5.C.<ul style="list-style-type: none"><li>- Support base operations as required</li></ul></li></ul>	<ul style="list-style-type: none"><li>• Force Protection</li></ul>
<ul style="list-style-type: none"><li>• 3.B.5.D.<ul style="list-style-type: none"><li>- Maintain a Convoy Security Escort Team for II MEF (Fwd) tasking requirements</li></ul></li></ul>	<ul style="list-style-type: none"><li>- Significant FP work to be completed during OIF II and OIF II-2</li><li>- Focus on continuous action</li></ul>



# OIF 05-07 Force Rotation

- Sourcing plan under development
  - Projected to include:

REQUIREMENT	SOURCE	OIF 05-07-1	OIF 05-07-2	ISO
<b>1 X NCR (-)</b>	JFCOM	<b>22 NCR</b>	<b>22 NCR</b>	MARCENT
<b>1 X NMCB (-)</b>	EUCOM	<b>NMCB 7</b>	<b>NMCB 5</b>	
<b>1 X NMCB (-)</b>	JFCOM	<b>NMCB 18</b>	<b>NMCB 26</b>	
<b>1 X NMCB Det</b>	PACOM	<b>NMCB 40</b>	<b>NMCB 74</b>	<b>SOF RFFs 251 &amp; 257</b>
<b>1 X NMCB Air Det (Hvy)(+)</b>	PACOM / JFCOM	<b>NMCB 40 / NMCB 25</b>	<b>NMCB 74 / NMCB 25</b>	
<b>2 X NMCB Det (V&amp;H)</b>	EUCOM	<b>NMCB 7</b>	<b>NMCB 5</b>	CJTF-HOA
<b>1 X NMCB Det (WW)</b>	EUCOM	<b>NMCB 7</b>	<b>NMCB 5</b>	
<b>1 X NMCB (-) <sup>(1)</sup></b>	JFCOM	<b>NMCB 25</b>	<b>NMCB 25</b>	CFLCC
<sup>(1)</sup> Located in Arifjan, Kuwait	NAVFAC	<b>FED</b>	<b>FED</b>	
<sup>(2)</sup> Located in Ali Al Salem and Iqdariyah	JFCOM	<b>TBD</b>	<b>TBD</b>	